AUTODOC CLUB

How to change front brake caliper on **Skoda Octavia 1Z5** – replacement guide

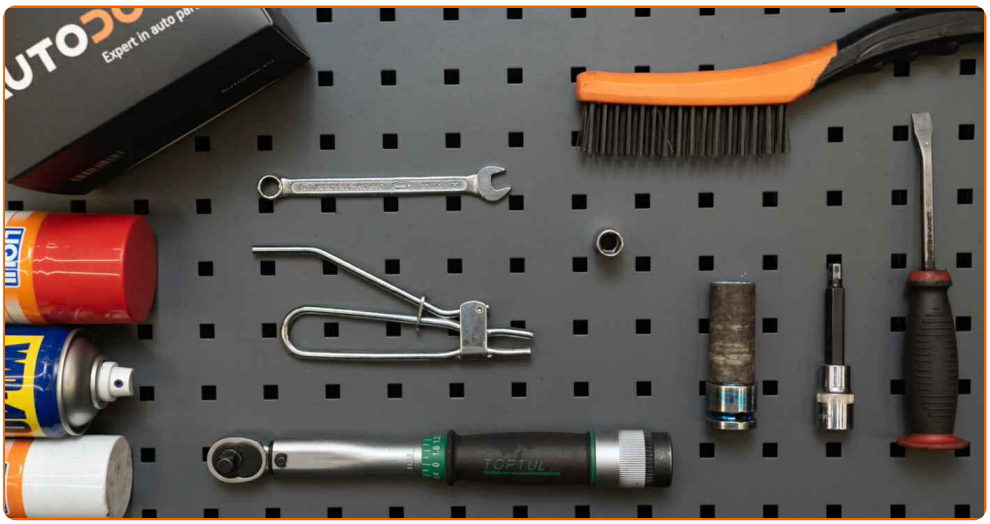
VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
SKODA Octavia II Combi (1Z5) 2.0 TDI 4x4, SKODA Octavia II Combi (1Z5) 1.6 TDI 4x4, SKODA Octavia II Combi (1Z5) 1.6 LPG, SKODA OCTAVIA (1Z3) 1.6 LPG, SKODA ROOMSTER (5J) 1.2 TDI, SKODA Octavia II Combi (1Z5) 2.0 TDI 16V 4x4, SKODA YETI (5L) 1.6 TDI, SKODA Octavia II Combi (1Z5) 1.4, SKODA Octavia II Combi (1Z5) 1.8 TSI 4x4, SKODA OCTAVIA (1Z3) 1.8 TSI, SKODA Octavia II Combi (1Z5) 1.8 TSI, SKODA OCTAVIA (1Z3) 2.0 TDI, SKODA Octavia II Combi (1Z5) 2.0 TDI, SKODA OCTAVIA (1U2) 1.6, SKODA OCTAVIA (1U2) 1.8, (+ 124)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE CALIPER – SKODA OCTAVIA 1Z5. TOOLS YOU NEED:



- Wire brush
- Brake cleaner
- Copper grease
- Combination spanner #10
- HEX bit no.H7.
- Drive socket # 11
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake hose clip
- Fluid container
- Brake bleeder kit
- Crow bar
- Wheel chock

BUY TOOLS

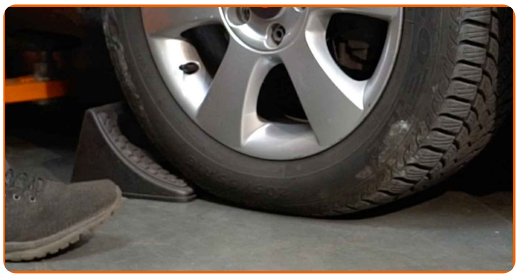
Replacement: brake caliper – Skoda Octavia 1Z5. AUTODOC recommends:

- The replacement procedure is identical for the left and right brake calipers on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE CALIPER – SKODA OCTAVIA 1Z5. TAKE THE FOLLOWING STEPS:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.



3 Loosen the wheel mounting bolts. Use wheel impact socket #17.

4 Raise the front of the car and secure on supports.

5 Unscrew the wheel bolts.

Replacement: brake caliper – Skoda Octavia 1Z5. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6 Remove the wheel.

7 Put a container for gathering brake fluid beneath.

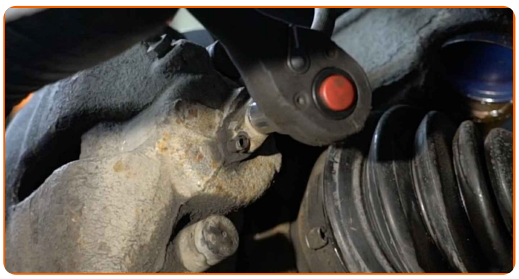
8 Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

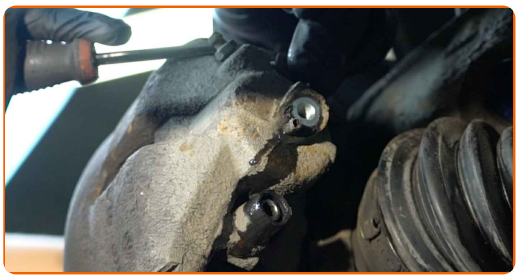
- Replacement: brake caliper – Skoda Octavia 1Z5. After applying the spray, wait a few minutes.

9 Clamp the brake hose off using a brake hose clamp.

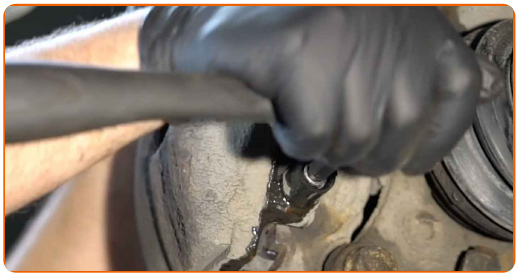
10 Unscrew the brake hose from the brake caliper. Use a drive socket #11. Use a ratchet wrench.



11 Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.

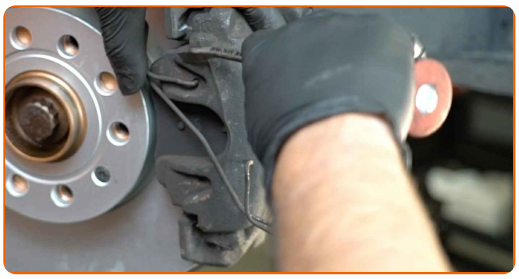


12 Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.

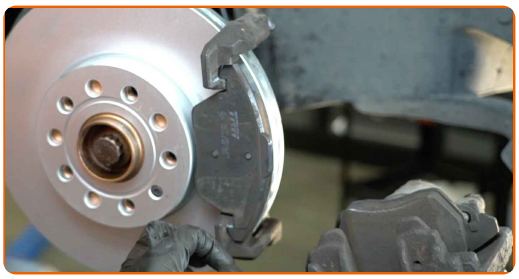


13 Spread the brake pads. Use a crowbar.

14 Remove the retaining spring of the brake pads. Use a crowbar.



15 Remove the brake caliper.

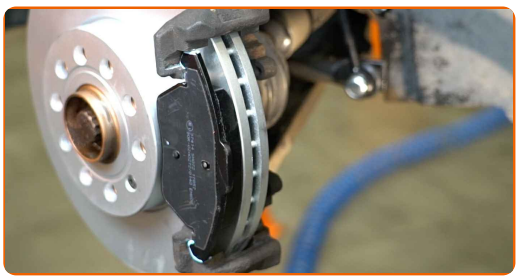


Replacement: brake caliper – Skoda Octavia 1Z5. Tip from AUTODOC experts:

- When replacing the brake caliper, it is recommended to check the brake hose for damages and, if necessary, to replace it with a new one.
- When replacing a brake caliper it is recommended to replace brake pads, check the state of the brake discs and replace them with new ones if necessary.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

16 Remove the brake pads.

17 Install the brake pads.



Replacement: brake caliper – Skoda Octavia 1Z5. AUTODOC experts recommend:

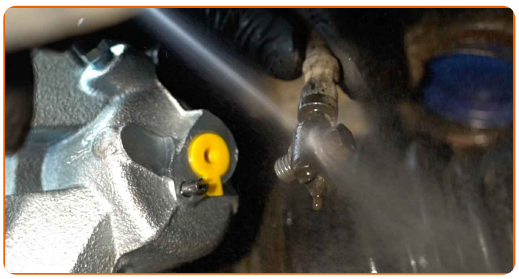
- If going to use the old brake pads, clean them.

18 Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.

19 Install the dust boot caps of the brake caliper guide pins.

20 Install the retaining spring of the brake pads.

21 Treat the brake hose. Use a brake cleaner.

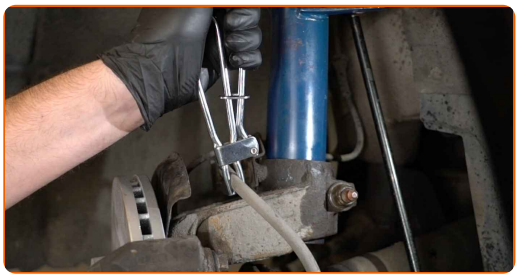


Replacement: brake caliper – Skoda Octavia 1Z5. Tip:

- After applying the spray, wait a few minutes.

22 Tighten the fastener connecting the brake pipe to the brake caliper. Use a drive socket #11. Use a torque wrench. Tighten it to 35 Nm torque.

23 Remove the brake hose clamp.

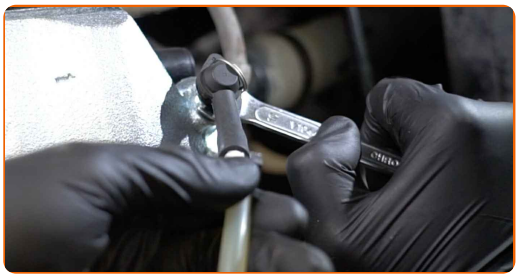


24 Undo the brake bleeder screw. Use a combination spanner #10.

25 Connect the brake bleeder kit to the brake bleeder screw.

26 Bleed the brake caliper system. Without starting the engine, press the brake pedal several times until you feel significant resistance.

27 Tighten the brake bleeder screw. Use a combination spanner #10.

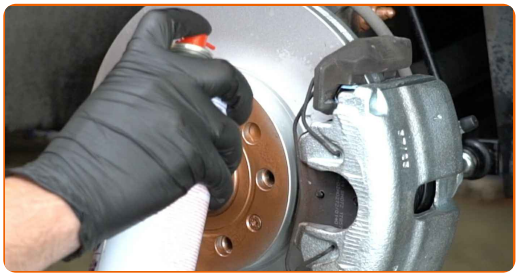


28 Disconnect the brake bleeder kit.

29 Tighten the brake caliper bleed screw. Use a drive socket #10. Use a torque wrench. Tighten it to 10 Nm torque.

30 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

31 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake caliper – Skoda Octavia 1Z5. After applying the spray, wait a few minutes.

32 Install the wheel.

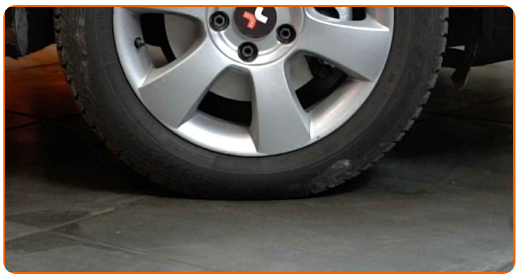
Replacement: brake caliper – Skoda Octavia 1Z5. Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

33 Screw in the wheel bolts. Use wheel impact socket #17.

34 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

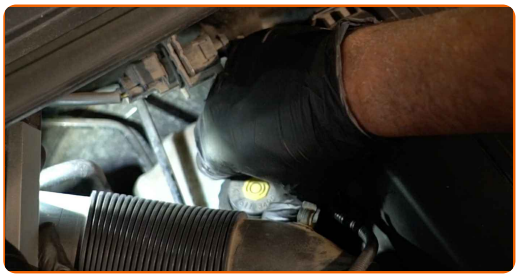
35 Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake caliper – Skoda Octavia 1Z5. Check the brake fluid level in the reservoir and top up if necessary.

36 Tighten the brake fluid reservoir cap. Close the hood.



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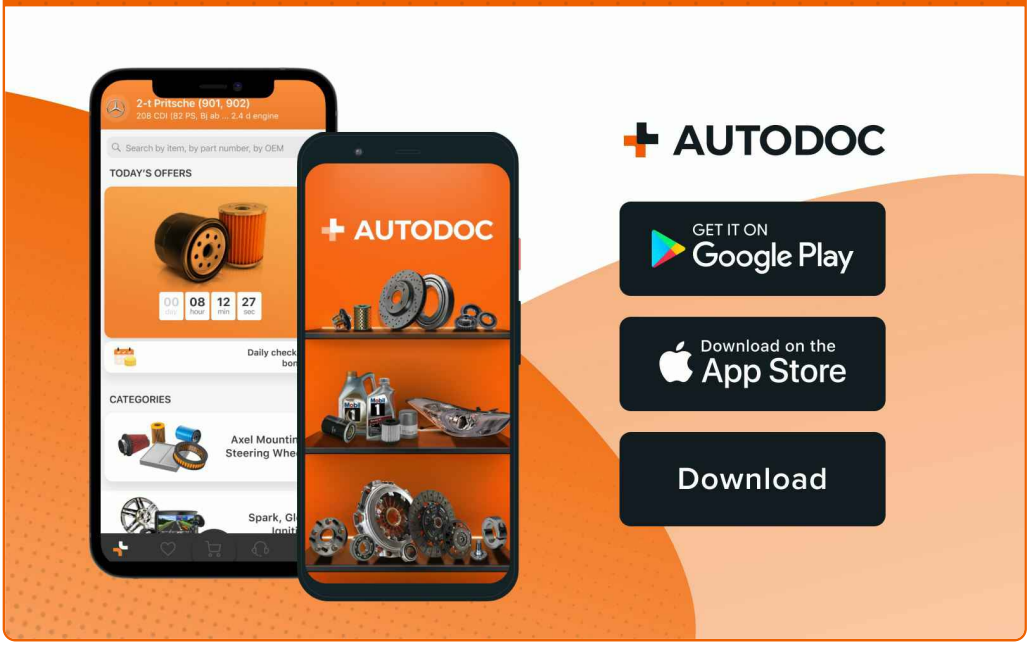

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